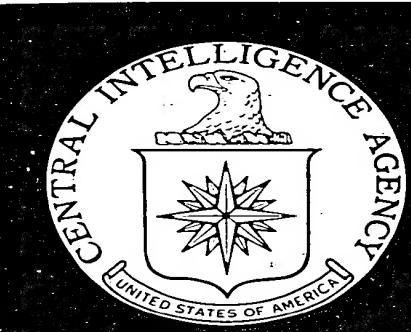


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PHOTOGRAPHIC INTELLIGENCE REPORT

PETROVSKIY SHIPYARD NO 5

LENINGRAD, USSR

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PETROVSKIY SHIPYARD NO 5, LENINGRAD, USSR

25X1A

Petrovskiy Shipyard No 5 (BE designation: [REDACTED]) is located in the northwest section of Leningrad, USSR, on the southern shore of Ostrov Petrovskiy, an island in the mouth of the Neva River, at 59°57'40N 30°15'15E (Figures 1 and 2).

The Petrovskiy Shipyard is a small facility which produces both Osa-class large guided-missile patrol boats (PTFG) and Komar-class small guided-missile patrol boats (PTG). Two construction halls are present at the shipyard (items 13 and 23, Figure 3 and Table 1). The

doors of both halls open on a long transverser (item 17), which has a length of 1,070 feet and a minimum lateral clearance of 155 feet. The Osa-class boats appear to be built in the narrow construction hall (item 13), placed on the transverser, and launched in the small basin (item 7). The Komar-class boats are probably built in the 6-door construction hall (item 23), run onto the transverser, and either lifted into the water by the ship lift in front of the hall (item 22, Figure 3; Figure 4) or launched into the small basin. The length of the con-

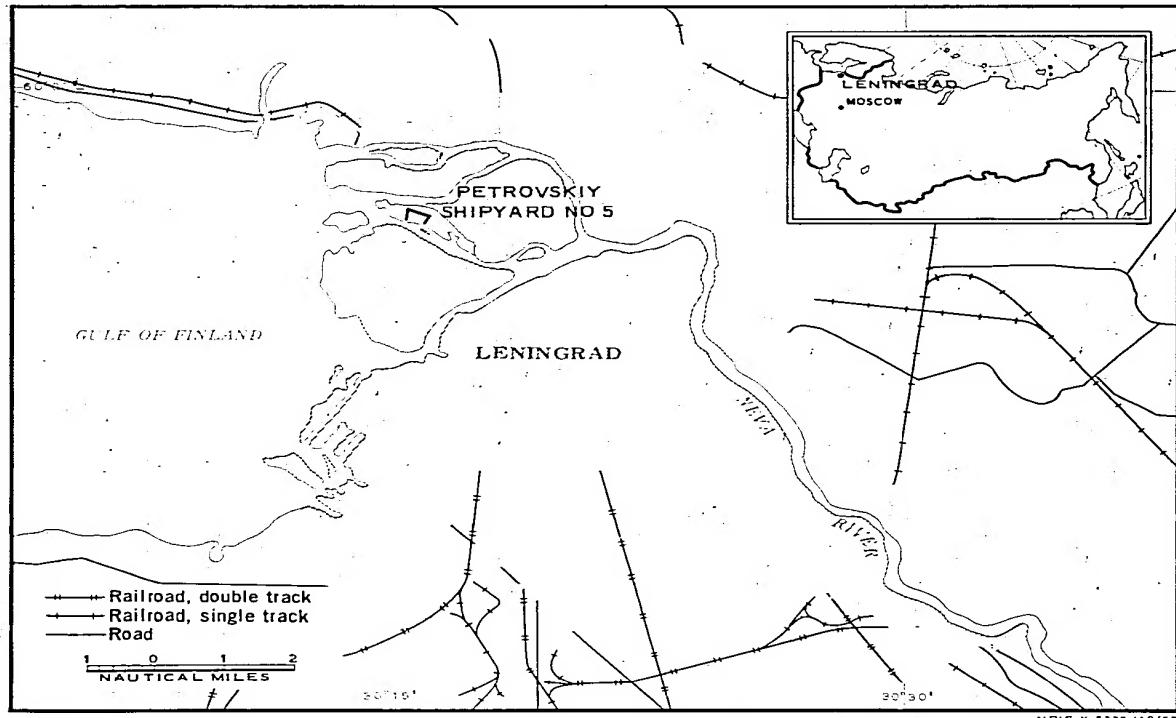


FIGURE 1. LOCATION MAP.

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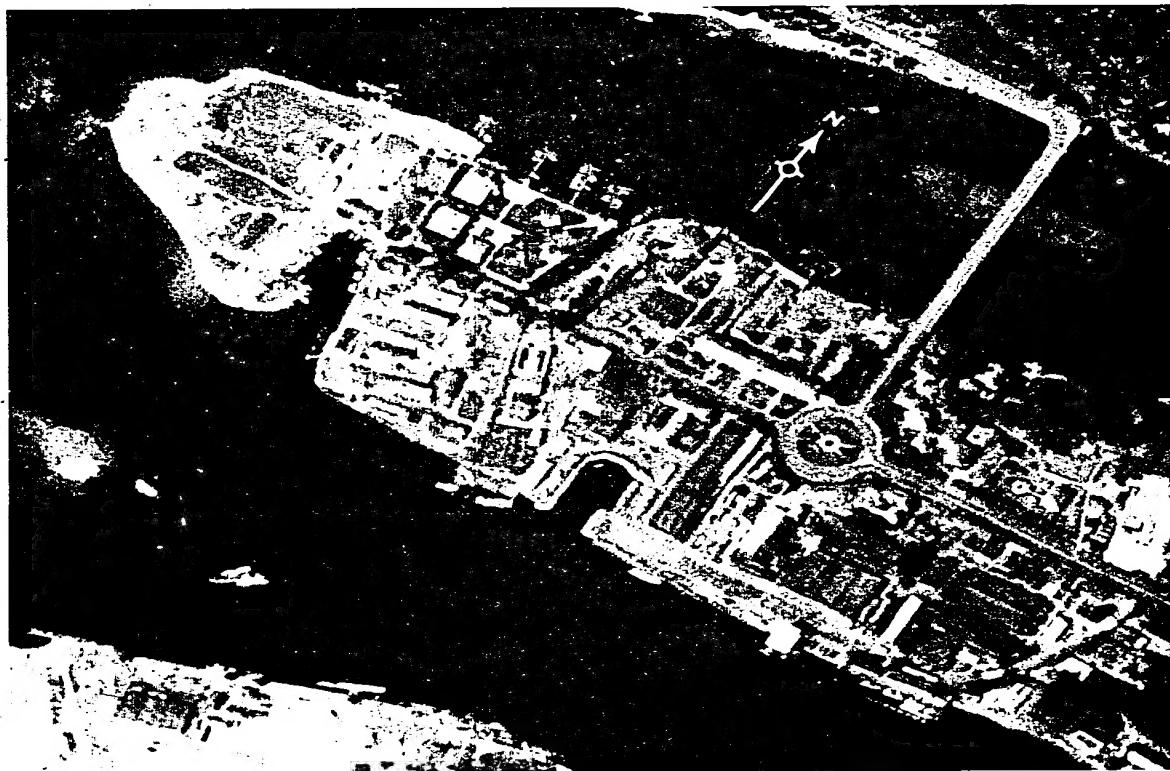


FIGURE 2. PETROVSKIY SHIPYARD NO 5.

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struction halls suggests that an assembly-line method of construction may be used.

In addition to construction, the repair and modernization of Osa-and Komar-class boats is probably a function of the Petrovskiy Shipyard. The ship lift is probably capable of lifting the Komar-class boats onto the quay.

25X1D Figure 5 shows the probable light machine shops completed in [redacted]. These shops (items 28 and 29, Figure 3) are located in the southeastern part of the shipyard along the fitting-out quay (item 18).

Significant changes [redacted] at the Petrovskiy Shipyard include the construction of the launching basin and the 2 probable light machine shops shown in Figure 5, and modification of the 6-door construction hall (item 23, Figure 3; Figure 4). A comparison of aerial photography [redacted] shows that the roof of the construction hall was completely rebuilt during that period, suggesting that the entire building may have been modernized or altered. No photo-

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Table 1. Description of Facilities at Petrovskiy Shipyard No 5 (Item numbers are keyed to Figure 3)

Item	Description	Dimensions (ft)	Item	Description	Dimensions (ft)
1	Probable storage bldg	65 x 30	22	Ship lift	110 x 90 x 60h
2	Open storage area		23	6-door construction hall	275 x 260
3	Possible lumber storage/ processing bldg	115 x 75	A		325 x 100
4	Possible lumber storage/ processing bldg	90 x 75	B		Irregular
5	Probable storage bldg	75 x 35	24	Probable pattern shop	
6	Probable storage bldg	145 x 45	25	Open storage area	50 x 30
7	Launching basin	315 x 175 (overall)	26	Possible winch house	
8	Probable storage bldg	70 x 45	27	Slipway	100 x 50
9	Probable storage bldg	100 x 50	28	Probable light machine shop	190 x 50
10	Probable workshop	135 x 65	29	Probable light machine shop	140 x 35
11	Steamplant	105 x 95	30	Probable workshop	
12	Open storage area		31	Probable fabrication/heavy machine shop,	240 x 135
13	Narrow construction hall	550 x 130	32	L-shaped	175 x 110
14	Admin bldg, T-shaped	bar: 195 x 45 stem: 165 x 55	33	Probable workshop	75 x 45
15	Side launching way	145 x 100	34	Probable fabrication/heavy machine shop	315 x 150
16	Open fitting-out area		35	Probable forge/foundry, L-shaped	120 x 90
17	Transverser	1,070 (length only)	36	Probable forge/foundry	95 x 50
18	Fitting-out quay	1,500 (length only)	37	Probable storage bldg	145 x 55
19	Probable light machine shop	200 x 60	38	Probable storage bldg	145 x 65
20	Probable light machine shop	285 x 70 (overall)		Probable storage bldg	85 x 70
21	Probable workshop	100 x 30		Probable storage bldg	105 x 45

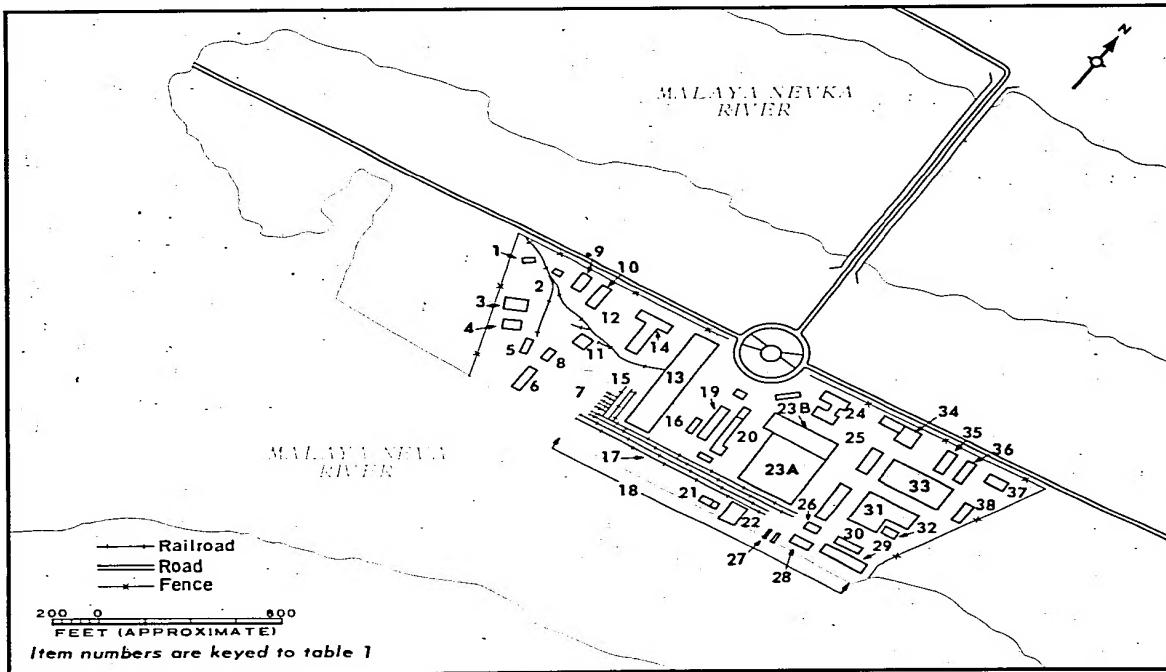


FIGURE 3. LAYOUT OF SHIPYARD.

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REFERENCES

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PHOTOGRAPHY



Ground Photography

Agency	Accession Nos.	Date	Classification
CIA	539558, 539559	[Redacted]	Official Use Only 25X1D

CHART

ACIC. US Air Target Chart, Series 200, Sheet 0153-4HL, 2d ed, May 63, scale 1:200,000 (SECRET)

REQUIREMENT

CIA. C-RR4-82,050

PROJECT

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